

Environmental Protection Agency

Pt. 82, Subpt. G, App. O

APPENDIX N TO SUBPART G OF PART 82 [RESERVED]

APPENDIX O TO SUBPART G OF PART 82—SUBSTITUTES LISTED IN THE SEPTEMBER 27, 2006 FINAL RULE, EFFECTIVE NOVEMBER 27, 2006

FIRE SUPPRESSION AND EXPLOSION PROTECTION SECTOR—TOTAL FLOODING SUBSTITUTES—  
ACCEPTABLE SUBJECT TO USE CONDITIONS

End-use	Substitute	Decision	Conditions	Further information
Total flooding .....	Gelled Halocarbon/ Dry Chemical Suspension (Envirogel) with sodium bicarbonate additive.	Acceptable subject to use conditions.	Use of whichever hydrofluorocarbon gas (HFC-125, HFC-227ea, or HFC-236fa) is employed in the formulation must be in accordance with all requirements for acceptability (i.e., narrowed use limits) of that HFC under EPA's SNAP program.	Use of this agent should be in accordance with the safety guidelines in the latest edition of the NFPA 2001 Standard for Clean Agent Fire Extinguishing Systems, for whichever hydrofluorocarbon gas is employed, and the latest edition of the NFPA 2010 standard for Aerosol Extinguishing Systems.  Sodium bicarbonate release in all settings should be targeted so that increased blood pH level would not adversely affect exposed individuals.  Users should provide special training, including the potential hazards associated with the use of the HFC agent and sodium bicarbonate, to individuals required to be in environments protected by Envirogel with sodium bicarbonate additive extinguishing systems.  Each extinguisher should be clearly labeled with the potential hazards from use and safe handling procedures.  See additional comments 1, 2, 3, 4, 5